



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: **Yu, et al.**

Application Number: 09/589,285

Group Art Unit: 1646

Filed: June 8, 2000

Examiner: Prasad, S.

Title: **Methods of Treatment of Immune System Related Disorders Using Neutrokinin-alpha (as amended)**

Atty. Docket No. PF343P3C4

TECH CENTER 1600/2900

MAY 08 2002

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11/C
A.G.J
5/13/02

AMENDMENT AND RESPONSE UNDER 37 C.F.R. §1.111
WITH STATEMENT UNDER 37 C.F.R. §1.125(b)(1)

Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Official Action dated November 6, 2001 (Paper No. 8), Applicants request that the following amendments and remarks be entered into the above-identified application. Applicants submit concurrently herewith:

*Please Enclose
SCP
5/13/02*

- (a) Version with Markings to Show Changes Made;
- (b) Substitute Specification;
- (c) Version of the Substitute Specification to Show Changes Made;
- (d) A Clean Version of the Entire Set of Pending Claims;
- (e) First Supplemental Information Disclosure Statement Pursuant to 37 C.F.R. § 1.56 with a revised Form PTO/SB/08;
- (f) Substitute Sequence Listing in Paper and CRF formats;
- (g) Statements Under 37 C.F.R. §§ 1.825(a) and (b);
- (h) A Petition for a Three Month Extension of Time with appropriate fee; and
- (i) Fee Transmittal Sheet.

BOX Seg 1646

PTO/SB/17 (11-01)

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 1100.00)

METHOD OF PAYMENT (check all that apply)

 Check Credit Card Money Order Other None
 Deposit Account

 Deposit Account Number **08-3425**

 Deposit Account Name **Human Genome Sciences, Inc.**

The Commissioner is hereby authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	
SUBTOTAL (1)		(\$)		0.00	

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	93	-277** =	<input type="text"/>	x <input type="text"/>	= <input type="text"/>	Fee Paid <input type="text"/>
Independent Claims	12	-24** =	<input type="text"/>	x <input type="text"/>	= <input type="text"/>	Fee Paid <input type="text"/>
Multiple Dependent			<input type="text"/>		<input type="text"/>	

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
103	18	203	9	Claims in excess of 20	
102	84	202	42	Independent claims in excess of 3	
104	280	204	140	Multiple dependent claim, if not paid	
109	84	209	42	** Reissue independent claims over original patent	
110	18	210	9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)		(\$)		0.00	

** or number previously paid, if greater; For Reissues, see above

Complete if Known

Application Number	09/589,285
Filing Date	June 8, 2000
First Named Inventor	Guo-Liang Yu
Examiner Name	S. Prasad
Group Art Unit	1646
Attorney Docket No.	PF343P3C4

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3. ADDITIONAL FEES

Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge – late filing fee or oath	
127	50	227	25	Surcharge – late provisional filing fee or cover sheet.	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for ex parte reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	920.00
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive – unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Stmt	180.00
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	740	246	370	Filing a submission after final rejection (37 CFR 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR 1.129(h))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	
Other fee (specify)					
*Reduced by Basic Filing Fee Paid				SUBTOTAL (3)	(\$) 1100.00

SUBTOTAL (3)

SUBMITTED BY		Complete (if applicable)		
Name (Print/Type)	Kenley K. Hoover	Registration No. (Attorney/Agent)	40,302	Telephone (301) 610-5771
Signature		Date	May 3, 2002	